

OAK RIDGE SITE SPECIFIC ADVISORY BOARD



FY 2003 WORK PLAN

INTRODUCTION

The Oak Ridge Site Specific Advisory Board (ORSSAB) is a federally appointed citizens' panel that provides advice and recommendations to the U.S. Department of Energy-Oak Ridge Operations (DOE-ORO) on its Oak Ridge Environmental Management (EM) Program. The group was formed in 1995 and is chartered under the EM SSAB Federal Advisory Committee Act Charter. The Board's mission statement is as follows:

ORSSAB is an independent, nonpartisan, broadly representative group of citizens with interests and concerns related to the environment at the Oak Ridge Reservation (ORR) and surrounding areas. The Board is dedicated to providing informed recommendations and advice to the DOE EM Program regarding environmental restoration and waste management, as well as land use and economic development of contaminated areas. Recommendations regarding environmental justice, health and safety issues, and other subjects may be developed at the Board's discretion. The Board is committed to reflecting the concerns of the communities impacted by environmental management of the ORR and to serving as a communications link between the public and relevant government agencies, including local governments.

The Board is composed of up to 20 members, chosen by an independent screening panel to reflect the diversity of gender, race, occupation, views, and interests of persons living near the ORR. Members are appointed by DOE and serve on a voluntary basis, without compensation. The Board currently consists of members from four counties: Anderson, Knox, Loudon, and Roane. Non-voting members include representatives from DOE-ORO, the U.S. Environmental Protection Agency (EPA) Region 4, and the Tennessee Department of Environment and Conservation (TDEC). These members advise the Board on their agency's policies and views. Two non-voting student participants also serve on the Board to represent the viewpoints and concerns of area youth. The student representatives for FY 2003 are from Oak Ridge and Karns high schools.

The Board meets monthly to hear presentations by persons working on relevant environmental management topics, listen to and discuss input from citizens, consider recommendations developed by the various ORSSAB committees, and perform other business. The Board strives for consensus in reaching decisions and conducts business under a set of bylaws, standing rules, and special rules of order, which incorporate the principles of *Robert's Rules of Order*.

FY 2003 ORGANIZATION

The Board generally works to achieve its mission through its committee structure, and each year the Board holds a planning retreat to determine how best to address its mission and what its committee structure should be. This year's retreat was held August 2 and 3, 2002, at Rothchild Catering in Knoxville, Tennessee. Minutes from the retreat were recorded and are available from the ORSSAB support office and the Board's web site (www.oakridge.doe.gov/em/ssab/minutes.htm).

The FY 2003 organizational structure identified at the retreat remained unchanged from FY 2002 and is shown in Figure 1. It includes an Executive Committee; three standing committees

(Environmental Restoration, Stewardship, and Waste Management); and one ad hoc committee (Board Process). As allowed by ORSSAB Bylaws, other ad hoc committees may be formed as needed during the year to address specific, short-term issues.

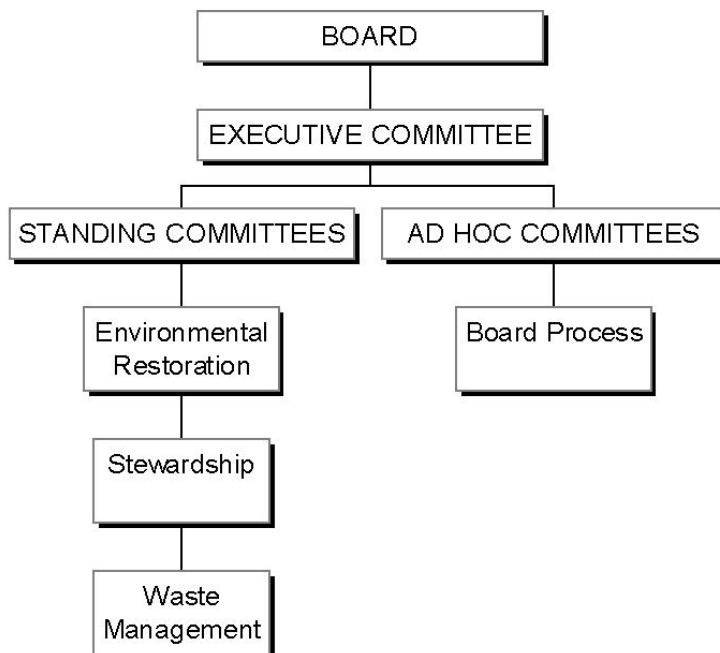


Figure 1. FY 2003 organizational structure.

Each ORSSAB committee creates its own work plan to guide its activities during the year. Suggestions for committee work plan topics were provided prior to the retreat by DOE, TDEC, EPA, ORSSAB members, and stakeholders (via the Board’s “Stakeholder Survey”). Topics were evaluated on four criteria: (1) importance to ORSSAB and the public, (2) opportunity for impact, (3) what information will be needed, and (4) when is action likely. Selection of final work plan topics was made at the retreat by the Board membership. A listing of topics and their disposition to the various committees is shown in the Table 1. Committee work plans immediately follow the table. These work plans are “living documents” to be updated continually as the Board year progresses.

Table 1. Committee work plan topics discussed at Annual Planning Retreat

Topic	Committee
Water Resources Restoration Program	Environmental Restoration
Budget and prioritization	Chair or Vice Chair will champion
Land Use Boundaries/ Property Transfers	Stewardship
Recyclable Materials	Waste Management
Media For Records	Stewardship
DOE Order 435.1	Waste Management
Cumulative Impacts of Waste Loading	Waste Management
Funding Inequities	General Board Issue
EMWMF	Waste Management
Bear Creek Valley Burial Grounds	Environmental Restoration
DOE Emergency Preparedness	Waste Management
Accelerated Cleanup Plan	Environmental Restoration
UF ₆ Disposal	Waste Management
CERCLA Documents	Environmental Restoration/Stewardship
Groundwater	Environmental Restoration
Transfer of Newly Generated Waste	Waste Management
TSCAI	Waste Management
Stewardship	Stewardship
Waste Disposition	Waste Management
Environmental Justice	All committees

Environmental Restoration Committee FY 2003 Work Plan

The mission of the Environmental Restoration Committee is to:

- ✍ Develop a comprehensive understanding of DOE's project decisions by monitoring specific environmental restoration projects on the Oak Ridge Reservation
- ✍ Facilitate public participation by providing a forum for project discussion and providing written feedback to DOE relative to individual projects
- ✍ Monitor ongoing environmental restoration projects for significant changes and provide feedback where appropriate
- ✍ Monitor budget and budget recommendations related to environmental restoration issues and provide feedback as needed
- ✍ Monitor activities related to Accelerated Cleanup
- ✍ Analyze and compare scope of new Accelerated Cleanup projects to existing projects or previously suggested projects

Members of the FY 2003 Environmental Restoration Committee are as follows: Kerry Trammell (Chair), Amy DeMint (Vice Chair), Jake Alexander, Heather Cothron, Colin Loring, Bob McLeod, Dave Mosby, Norman Mulvenon, Charles Washington. Specific issues and activities for the year are described in the following table.

Month	Issue Manager	Issue and Activities	Expected Output	Status
9/19/02	Bob McLeod	<i>Remedial Activities; Water Resources Restoration Program (WRRP)</i> Presentation by Jason Darby on EM remedial activities, current & future, from the Remediation Effectiveness Report D2. Copies of the RER D2 will be provided to committee members.	Possible recommendation on Remediation Effectiveness Report (RER) D2 and WRRP activities	Presentation made by Jason Darby. Bob McLeod will attend the next WRRP meeting. Copies of the RER D2 were distributed to committee members.
9/19/02		<i>Melton Valley Explanation of Significant Difference (ESD) Fact Sheet</i> Members will review and provide comments to DOE on the Melton Valley Record of Decision (ROD) ESD fact sheet.	Recommendation	Doug Sarno was tasked to develop recommendations on format and content of Melton Valley ESD fact sheet. In October, the committee will discuss and develop recommendations.
10/14/02	Heather Cothron	<i>Accelerated Cleanup Program</i> Committee members need to attend the 8/22 DOE public meeting on the lifecycle baseline	Possible recommendation on lifecycle baseline	Discussed at 10/14/02 meeting. No recommendation on life cycle baseline at this time.

Month	Issue Manager	Issue and Activities	Expected Output	Status
10/14/02	Norman Mulvenon	<i>Historical Preservation</i> Mr. Mulvenon will continue to serve as the ORSSAB representative attending the meetings concerning the historical preservation of K-25, K-27, and other landmark buildings. The letter has been sent to Mr. Hartman requesting that ORSSAB be included as a consulting party in historic preservation decisions. Waiting on a response.	Possible recommendation on historical preservation of K-25 and other historical landmark buildings	Update given my Norman at the 10/14/02 meeting. No comment or recommendation at this time.
10/14/02		<i>Melton Valley ROD ESD due to regulators 9/30/02. Bethel Valley Groundwater Study due to regulators on 9/30/02.</i> Presentations about these two documents. Copies will be provided to committee members. Members will review and provide comments to DOE on the Melton Valley ROD ESD fact sheet.	Possible recommendation on both documents.	Comments on ESD fact sheet were revised and presented to Board at the 11/13/02 meeting.
11/21/02 & 12/19/02	Dave Mosby	<i>Status of Reindustrialization at the East Tennessee Technology Park (ETTP)</i>	Questions on this topic will be generated by committee and sent to DOE prior to Nov. meeting	Larry Clark from the DOE Reindustrialization Office gave a presentation at the 11/21 meeting. The committee will discuss the topic further at its 12/19 meeting
12/19/02	Jake Alexander	<i>Bear Creek Valley Burial Ground</i> Presentation by Jason Darby	Possible recommendation	
12/19/02		<i>Review status of committee work plan and FY 2003 EM activities</i>		
1/16/03	Norman Mulvenon	<i>Review the Core Hole 8 project</i>		
2/03		<i>Rollout of FY 2005 EM budget request</i>		
3/03		<i>Life cycle baseline? Federal Facility Agreement Appendix J</i> Milestones for 2006 and out years due to regulators March 15		
?		<i>Bethel Valley Groundwater Study</i> Focus on natural attenuation as a remediation strategy		
?		<i>Upper East Fork Poplar Creek (UEFPC) bioremediation</i> Focus on appropriateness of remediation strategy		

Stewardship Committee FY 2003 Work Plan

The goal of the Stewardship Committee is to serve as a forum for discussion of topics relevant to the long-term stewardship of the ORR and to act as a liaison between DOE and the community at-large. This latter aspect is becoming increasingly important as the committee also acts as a pro-tem Citizens Stewardship Committee until such time as DOE appoints a formal one.

As DOE transfers surplus land to private ownership, the committee is giving more attention to questions of documentation and enforcement of any land use restrictions. The committee also considers public outreach programs, health and safety, and environmental issues as related to stewardship.

Members of the FY 2003 Stewardship Committee are as follows: John Million (Chair), Norman Mulvenon (Vice Chair), Ben Adams, Donna Campbell, Jenna Carignan, David Johnson. Specific issues and activities for the year are described in the following table.

Month	Issue Manager	Issue/Activities	Expected Output	Status
Fall 2002	Lorene Sigal	<i>ORR Stewardship Strategic Plan</i>	Track document to see when completed	In progress
Fall 2002	John Million Norman Mulvenon	<i>Citizens Board for Stewardship</i>	Develop fact sheet	In progress
Fall 2002	Education Task Team	<i>ORR Educational Resource Guide</i>	Distribute to area middle and high schools	
Fall 2002	Education Task Team	<i>Stewardship Resource Kit</i>	Distribute to area high schools	Campbell and Hill working on this.
	Stewardship Status Team	<i>Remedial Effectiveness Report</i>	Follow up on Recommendations on RER General Outline dated 8/8/02	
Sept. 12/02	Lorene Sigal	<i>DOE's Long-Term Stewardship Strategic Plan</i> dated June 12, 2002, Predecisional Draft Version 2.0 from Headquarters. All members received a copy of the Plan and are to submit their comments to Mr. Hill by August 15 who will provide them to Ms. Sigal. Ms. Sigal will consolidate the comments by Friday, 8/23.	Draft comments to be considered by the Board at the 9/12 meeting	Completed
Sept. 17	Ralph Skinner	<i>Headquarters Site Transition Plan</i> Copies of the Plan and a presentation by Ralph Skinner will be provided to the Committee.	Comments provided on the Plan to Mr. Skinner	Completed
	Norman Mulvenon	<i>Melton Valley Test Case</i> Discussion of how the Committee plans to do the study	Track stewardship activities as Melton Valley remediation progresses	In progress

Month	Issue Manager	Issue/Activities	Expected Output	Status
Oct. 15	Tyler Johnson	<i>Bethel Valley Land Use Control Implementation Plan (LUCIP)</i> <i>UEFPC LUCIP</i> Copies of the documents (available 9/30/02) and presentations on both documents will be provided to the Committee	Draft comments to be provided to be considered by the Board at the 11/13 meeting	Comments presented to full board 11/13.
Nov. 19	Ben Adams	<i>Land Use Boundaries</i> The Land Use Focus Group Report will be out the end of September. Copies of the report and a presentation will be provided. <i>Property Transfers</i> Presentation by DOE Realty office on DOE plans for property transfers.		Scheduled for 11/19 meeting
Dec. 17	Al Brooks	<i>Media for records/information for stewardship</i>		Scheduled for 11/19 meeting
Jan. 14		<i>To be determined</i>		
Feb. 18		<i>To be determined</i>		
March 18		<i>To be determined</i>		
April 15	Tyler Johnson	<i>ETTP Zone 1</i> (document available 3/31/03) Copies of the document will be provided and a presentation.	Draft comments on the document will be submitted for consideration for Board approval at the 5/14 mtg.	ROD signed 11/9. May accelerate this schedule
May 20		<i>To be determined</i>		
June 17		<i>Bear Creek Valley Boneyard/Burnyard (BY/BY) Completion</i> Copies of the document and a presentation will be provided.	Draft comments on the document will be submitted for consideration for Board approval at the 6/11 mtg.	BY/BY near completion. May accelerate this schedule.

Waste Management Committee FY 2003 Work Plan

The Waste Management Committee will study and make recommendations on waste disposal options, transportation issues, operations at waste management facilities, and application of technology to waste management problems. Policy as well as technical issues will be evaluated.

Current activities include:

- ✍ Monitoring and making appropriate recommendations on continuing operations and the Resource Conservation and Recovery Act (RCRA) Part B permit renewal for the Toxic Substances Control Act Incinerator (TSCAI)
- ✍ Understanding better the cumulative impact of waste operations and industrial emissions in the area surrounding the Oak Ridge Reservation
- ✍ Monitoring progress and appropriately influencing acceptance of remote-handled (RH) transuranic (TRU) waste from Oak Ridge at the Waste Isolation Pilot Plant (WIPP) in New Mexico
- ✍ Preparing for effective ORSSAB participation in National SSAB workshop on TRU waste and transportation issues in Carlsbad, New Mexico, in January 2003
- ✍ Reviewing and making appropriate recommendations on operation of the Environmental Management Waste Management Facility (EMWMF) and potential or pending changes in the ROD design and operating basis
- ✍ Ascertaining the schedule for disposition of depleted uranium hexafluoride (UF₆) cylinders in Oak Ridge at conversion facilities to be built at Paducah and Portsmouth
- ✍ Providing input to the Comprehensive Waste Disposition Plan (CWDP), which is expected to detail the waste disposition strategy for the accelerated cleanup
- ✍ Assessing the impact of DOE's plans and decisions regarding alternatives to incineration for mixed low-level and TRU waste
- ✍ Tracking development of any standards for commercial recycle of scrap metals with residual surface or volumetric contamination
- ✍ Tracking emergency preparedness issues in context of accelerated cleanup
- ✍ Monitoring potential issues that can be influenced related to transfer of responsibility for management of newly generated wastes to the National Nuclear Security Administration (NNSA) and Office of Science from DOE EM

Members of the FY 2003 Waste Management Committee are as follows: Luther Gibson (Chair), Charles Washington (Vice Chair), Dick Berry, Jeanne Bonner, Amy DeMint, Pat Hill, John Kennerly, Steve Kopp, John Million, Norman Mulvenon, Luis Revilla, George Rimel. Specific issues and activities for the year are described in the following table.

Month	Issue Manager	Issue & Activities	Expected Output	Status
Sept.	Gibson	<u>TSCAI</u> Permit renewal is pending Final permit conditions dependent upon on risk assessment results TSCAI closure in FY 06	Request that TDEC accelerate process Need status update at September meeting	Recommendation that TDEC accelerate RCRA Part B permit renewal process approved by Board on 11/13
Sept.	Mulvenon /Gibson	<u>Cumulative impacts of waste operations</u> Note difficulty getting information Annual Site Environmental Report should give the fence line data on emissions See DOE Order 5400.5 for exhaustive discussion of DOE lowering its 100mR dose to the public to 25mR so other entities can take up the other 75mR left over	Need to gain an understanding of the issue Output should be a short report that pinpoints industrial activities on or near the reservation that impact the environment and note that there's no central place to track this	Determined no driver existed for TDEC to compile air toxics emission inventory (only for criteria pollutants) Reviewing Toxic Release Inventory reports and previous air toxics modeling by EPA Reviewing information from new EPA web site with facility-level compliance history
Sept.	Kopp/Hill	<u>RH TRU</u> Public opposition is building in New Mexico against RH TRU Need to ramp up prior to Jan. SSAB TRU meeting at WIPP Mr. Riner recommended that a committee member attend public meetings in NM in October Mr. Riner will supply date for hearing	Need briefing on permit meeting to be held in New Mexico in January	Comments to New Mexico Environment Department on RH TRU permit mod request approved at 10/09 Board meeting
October	Mulvenon	<u>CERCLA waste facility (EMWMF)</u> Converters will be placed in whole, thereby creating voids, which is an issue TDEC thinks DOE is wanting to go beyond ROD size and place material that could go elsewhere, thereby making expansion necessary Need to track expansion A contract will be awarded for expanding the current 400,000 yd ³ facility to 1.7m yd ³ , per the ROD	Track what CWDP says about EMWMF An RI/FS will likely be done on reclassifying outdoor stored legacy low-level waste as CERLCA, per EPA	CWDP draft document and briefing received from DOE on 11/20
November	Washington /Million	<u>UF₆ cylinder disposition</u> DOE needs to begin moving cylinders in 2003 in order to close ETPP 2008 Transporting the cylinders (even in overpacks) is potentially hazardous. There are equity issues, too Is DOE on a schedule?	Need a briefing by new contractor Make a recommendation to move cylinders if DOE is not on schedule	Presentation by DOE scheduled for 12/18 WM Committee meeting

Month	Issue Manager	Issue & Activities	Expected Output	Status
November & December	DeMint	<u>CWDP</u> Draft plan due 8/26 internally; October 1 for public consumption	Distribute plan ASAP after 10/1 for members' review prior to committee meeting Mr. Patterson asked for early comments on what's important to the SSAB	CWDP draft document and briefing received from DOE on 11/20
Update in November	Gibson	<u>Alternatives Technologies to Incineration (ATIC)</u> Report from recent meeting Environmental Management Advisory Board alternatives committee may schedule a meeting	Track issue as it develops	ATIC letter report to EMAB reviewed with Waste Management Committee on 11/20
January		<u>Prep for Waste Isolation Pilot Plant (WIPP) TRU conference</u>		Oak Ridge site issues tentatively identified on 11/20 Preparation for WIPP TRU workshop scheduled for 12/18
	Washington /Million	<u>Emergency preparedness in relation to accelerated cleanup</u> Tied to EM transportation issues and accelerated cleanup Issue manager to talk to DOE to see if there's a worthwhile presentation	Presentation should focus on EM aspects	No change
		<u>Rail access to Nevada Test Site</u> No pending activity requiring input	None	No change
		<u>Public input to ESDs</u> The Melton Valley ESD fact sheet is available for review Accelerated cleanup will necessitate that several ESDs will be issued	Track issue as it develops	Deferred to ER Committee
	DeMint	<u>Recycling of metals</u>	Track issue as it develops	No change
		<u>DOE Order 435.1/ Transfer liability for new waste to NNSA, Oak Ridge National Laboratory (ORNL)</u> Issue is having to get rid of newly generated waste within 1 year All new Y-12 waste will be transferred to NNSA. At ORNL, the Office of Science has shown disinterest in owning the waste, but will pay 50% of disposal cost. Waste management service will be procured from EM	Track issue as it develops Direct recommendations to NNSA and Office of Science likely beyond mission and scope of ORSSAB	No change